INTERNATIONAL SEARCH REPORT

Application No PCT/NL2004/000580

| A. CLASSIF IPC 7 | FICATION OF SUBJECT MATTER B65G47/90 B65G17/32 | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | | | | | |
| B. FIELDS SEARCHED | | | | | | | | | | |
| MINImum documentation searched (classification system followed by classification symbols) IPC 7 B65G | | | | | | | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | | | | | | | | |
| Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal | | | | | | | | | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | | | | | | |
| Category ° | Citation of document, with indication, where appropriate, of the rele | Relevant to daim No. | | | | | | | | |
| A | EP 0 687 508 A (TAS ADRIANUS WILH 20 December 1995 (1995-12-20) cited in the application the whole document | 1-8 | | | | | | | | |
| Α | US 6 234 300 B1 (VAN ARKEL JAN MA AL) 22 May 2001 (2001-05-22) column 2, line 14 - line 67; figu | 1-8 | | | | | | | | |
| А | US 4 411 366 A (DE GREEF JAN A) 25 October 1983 (1983-10-25) column 4, line 60 - column 5, lin figures 1-10 | e 26; | 1-8 | | | | | | | |
| Furth | her documents are listed in the continuation of box C. | X Palent family n | members are listed in annex. | | | | | | | |
| "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but | | "T" later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the Invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family | | | | | | | | |
| _ | actual completion of the international search | | Date of mailing of the international search report | | | | | | | |
| • | December 2004 | 21/12/2 | 2004 | | | | | | | |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 | | Authorized officer Sundqv1 | Authorized officer Sundqv1st, S | | | | | | | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No PCT/NL2004/000580

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date | |
|--|--------|------------------|-------------------------|-------------|---------------------|--|
| EP 0687508 | Α | 20-12-1995 | JP | 9165011 A | 24-06-1997 | |
| | | | NL | 9400969 A | 02-01-1996 | |
| | | | ΕP | 0687508 A1 | 20-12-1995 | |
| | | | US | 5703332 A | 30-12-1997 | |
| | | | ZA | 9504926 A | 15-02-1996 | |
| | | | DE | 69519601 D1 | 18-01-2001 | |
| | | | DE | 69519601 T2 | 21-06-2001 | |
| | | | ES | 2155109 T3 | 01-05-2001 | |
| US 6234300 | В1 | 22-05-2001 | NL | 1003057 C2 | 10-11-1997 | |
| | | | DE | 69716139 D1 | 07-11-2002 | |
| | | | DE | 69716139 T2 | 16-10-2003 | |
| | | | EP | 1009695 A1 | 21-06-2000 | |
| | | | ES | 2180973 T3 | 16-02-2003 | |
| | | | WO | 9742112 A1 | 13-11-1997 | |
| US 4411366 | Α | 25-10-1983 | NL | 8001900 A | 02-11-1981 | |
| | | | DE | 3165330 D1 | 13-09-1984 | |
| | | | EP | 0037142 A1 | 07-10-1981 | |
| | | | ES | 8201855 A1 | 01-04-1982 | |